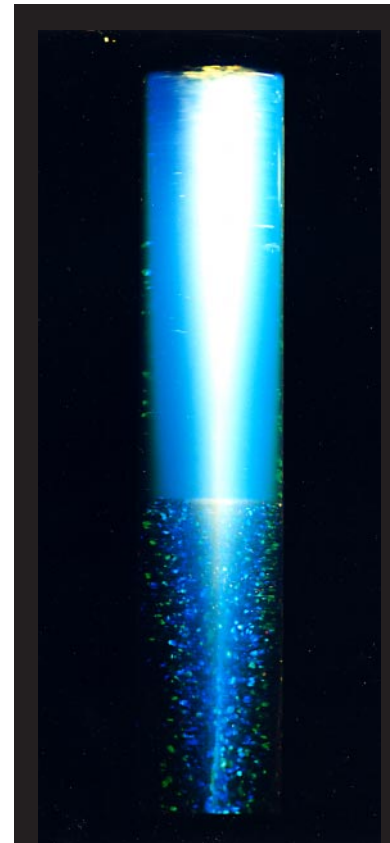




Glenn Research Center



Heterogeneous Nucleation in Colloidal Liquid Phase



- Blue and green crystals in upper half of cell have heterogeneously nucleated on cell wall. Suspension is 518 nm diameter PMMA spheres in decalin/tetralin, $\phi = 0.515$ (coexistence).
- The larger population of crystals in lower half of cell nucleated homogeneously and has settled under gravity.